

APR 25 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jeffrey H. Hunt

Assignee: The Boeing Company

Title: HIGH SPEED ACTIVE OPTICAL SYSTEM TO CHANGE AN  
IMAGE WAVELENGTH

Serial No.: 10/788,778

Filing Date: February 26, 2004

Examiner: Yam, Stephen K.

Group Art Unit: Not Yet Assigned

Docket No.: M-15653 US

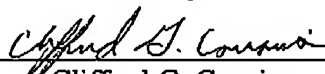
Confirmation No. 6139

Irvine, California  
April 25, 2006

Fax No.: 1-571-273-8300

Mail Stop: Amendment  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450**CERTIFICATION OF FACSIMILE TRANSMISSION**I hereby certify that the following documents are being facsimile transmitted to the  
U.S. Patent and Trademark Office on the date shown below:

- 1) This Transmittal;
- 2) Amendment Transmittal (1 page); and
- 2) Response to Office Action dated February 28, 2006 (14 pages).

Dated: April 25, 2006  
Clifford G. Cousins  
Agent for Applicants  
Reg. No. 50,315Total Pages: 16LAW OFFICES OF  
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April 25, 2006

Mail Stop: Amendment  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Applicant(s): Jeffrey H. Hunt  
Assignee: The Boeing Company  
Title: High Speed Active Optical System to Change an Image Wavelength  
Serial No.: 10/788,778 Filed: 2/26/2004  
Examiner: Yam, Stephen K. Group Art Unit: 2878  
Docket No.: M-15653 US Confirmation No. 6139

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter; (1 page)
- (2) Response to Office Action (14 pages)



No additional fee is required.



The fee has been calculated as shown below:

**CLAIMS AS AMENDED**

|  | Claims Remaining <u>After</u><br><u>Amendment</u> |       | Highest No.<br>Previously <u>Paid</u><br><u>For</u> |   | Present<br><u>Extra</u> |   | <u>Rate</u> |    | Additional Fee |
|--|---|-------|---|---|-------------------------|---|-------------|----|----------------|
| Total Claims   | 24  | Minus | 25  | = | 0                       | x | \$50.00     | \$ | 0              |
| Independent<br>Claims  | 5   | Minus | 5   | = | 0                       | x | \$200.00    | \$ | 0              |
| <input type="checkbox"/> Fee of _____ for the first filing of one or more multiple dependent claims<br>per application |   |       |   |   |                         |   |             | \$ |                |
| <b>Total additional fee for this Amendment:</b>  |   |       |   |   |                         |   |             | \$ | 0              |



Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.



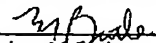
Please charge our Deposit Account No. 50-2257 in the amount of



Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 50-2257

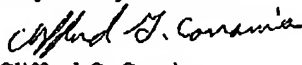
**Certification of Facsimile Transmission**

I hereby certify that this paper is being facsimile transmitted to the U.S.  
Patent and Trademark Office on the date shown below.

  
Monique M. Butler

April 25, 2006  
Date

Respectfully submitted,

  
Clifford G. Cousins  
Agent for Applicants  
Reg. No. 50,315

APR 25 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jeffrey H. Hunt

Assignee: The Boeing Company

Title: HIGH SPEED ACTIVE OPTICAL SYSTEM TO CHANGE AN  
IMAGE WAVELENGTHSerial No.: 10/788,778 Filing Date: February 26,  
2004Examiner: Yam, Stephen K. Group Art 2878  
Unit:Docket No.: M-15653 US Confirmation 6139  
No.:

Irvine, California

April 24, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

In response to the Office Action dated February 28, 2006,  
Applicants submit the following response.

LAW OFFICES OF  
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